What is claimed is:

1. An optical coupler comprising:

a spherical lens; and
an aspherical lens; and
wherein said lenses are situated in the same optical
path.

2. The coupler of claim 1, wherein: said spherical lens comprises a glass material; and said aspherical lens comprises a non-glass material.

- 3. The coupler of claim 2, wherein said spherical lens is a ball lens.
- 4. The coupler of claim 3, wherein said aspherical lens comprises a plastic material.
- 5. The coupler of claim 4, wherein said aspherical lens is approximately concave.

- 6. The coupler of claim 4, wherein said aspherical lens is approximately convex.
- 7. The coupler of claim 5, wherein said aspherical lens is a molded plastic lens.
- 8. The coupler of claim 6, wherein said aspherical lens is a molded plastic lens.
- 9. The coupler of claim 7, wherein said aspherical lens is injection molded.
- 10. The coupler of claim 8, wherein said aspherical lens is injection molded.
- 11. The coupler of claim 3, wherein:
 - a light source is situated proximate to said spherical lens; and
 - an optical medium is situated proximate to said aspherical lens;

- 12. The coupler of claim 11, wherein light from the light source may propagate through said spherical lens and said aspherical lens, respectively.
- 13. The coupler of claim 12, further comprising a window situated between the light source and said spherical lens.
- 14. The coupler of claim 13, wherein the optical medium is an optical fiber.
- 15. The coupler of claim 14, wherein the light source is a vertical cavity surface emitting laser.
- 16. The coupler of claim 15, wherein the optical fiber is single mode.
- 17. An optical coupling system comprising:

 a spherical ball lens; and

 an aspherical lens; and

 wherein said spherical ball lens and said aspherical

 lens are situated on a common optical axis.

- 18. The system of claim 17, wherein said aspherical lens is coupled to an optical fiber.
- 19. The system of claim 18, wherein said aspherical lens is composed of a non-glass material.
- 20. The system of claim 19, wherein said aspherical lens is composed of a plastic material.
- 21. A coupling means comprising:

 means for spherically focusing light from a light

source;

- means for aspherically focusing light from said means for spherically focusing light; and means for inputting light into an optical medium from said means for aspherically focusing light.
- 22. The coupling means of claim 21, wherein: the light source is a laser; and the optical medium is a fiber.
- 23. The coupling means of claim 22, wherein:

the laser is a vertical cavity surface emitting laser; and

the fiber is a single mode optical fiber.

- 24. The coupling means of claim 23, wherein said means for spherically focusing light conveys more light power than said means for aspherically focusing light.
- 25. The coupling means of claim 24, wherein:
 said means for spherically focusing light uses glasslike material for focusing light; and
 said means for aspherically focusing light uses
 plastic-like material for focusing light.
- 26. A method for coupling light, comprising:

 spherically focusing light from a light source

 resulting in a first portion of light having a

 first focal point on an optical axis and a second

 portion of light having a second focal point on

 the optical axis; and
 - aspherically focusing the first portion of light and the second portion of light resulting in the

first and second portions of light having a common focal point.

- 27. The method of claim 26, wherein: spherically focusing the light from the light source is effected by a ball lens; and aspherically focusing the first and second portions of light from the ball lens is effected by an aspherically-shaped lens.
- 28. The method of claim 27, wherein the common focal point is at a place of an optical medium.
- 29. The method of claim 28, wherein: the ball lens comprises a glass-like material; and the aspherically-shaped lens comprises a plastic-like material.
- 30. The method of claim 29, wherein:
 the light source is a laser; and
 the optical medium is an optical fiber.

31. The method of claim 30, wherein:

the laser is a vertical cavity surface emitting light

source; and

the optical fiber is a single mode fiber.

An optical coupler comprising:

32.

an aspherical lens on an optical axis; and
a spherical lens on an optical axis; and
wherein:
said aspherical lens is proximate to an optoelectronic
element; and

said spherical lens is proximate to an optical medium.

- 33. The coupler of claim 32, wherein:
 said aspherical lens comprises a plastic-like
 material; and
 said spherical lens comprises a glass-like material.
- 34. The coupler of claim 33, wherein said spherical lens is a ball lens.
- 35. The coupler of claim 34, wherein:

said optoelectronic element is a light source; and said optical medium is an optical fiber.

- 36. The coupler of claim 35, wherein the light source is a laser.
- The coupler of claim 36, wherein:

 the laser is a vertical cavity surface emitting laser;

 and

 the optical fiber is single mode fiber.
- 38. The coupler of claim 34, wherein:

 the optoelectronic element is a detector; and
 said optical medium is an optical fiber.
- 39. The coupler of claim 38, wherein said optical fiber is single mode fiber.
- 40. The coupler of claim 38, wherein said optical fiber is multimode fiber.